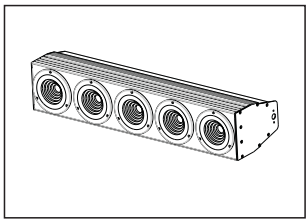
Please read over this manual before operating the light

USER MANUAL



Professional Stage LED show Lighting

TABLE OF CONTENT

Brief.....1

Packing list.....1

Opening the package.....1
Spare parts.....1

Installation and safety instruction.....2

Installation.....2
Installation situs.....2
safety instruction.....2
Use attention.....2

Power supply and signal connect.....3

Connect the power and control 3
Connect the signal cable.....3

Operation instruction 5

Explanation of control panel and key-press.....5
Function setting.....5
Main Function.....6
DMX Control Function.....7-10
Slave Mode.....10

Safety warning and maintain.....11

Safety warning.....11
Maintain.....11

Specification.....11

Common breakdown solution 12

The manual of LED show system

First、Brief

Thank you for purchasing of our professional **LED** show system. We always try to develop our product with high-tech and high performance to meet your requirement and expectation.

The unit is designed strictly according to the international standard. The control way is single or master/slave in option.

The manual is included the skill parameter and detail instructions etc. Please read the manual carefully before using the product.

◎ SECURITY WARNINGS

Avoid electric

Green package

Second、Packing list

2 - 1 We use the carton to pack normally. You may choose the fly case.

2 - 2 Opening the package

Open the case and take out the enclosed spare parts, remove the drier, take the unit and put it in a flat place to operate.

2 - 3 Spare parts

With of exception of this equipment, the pacing enclosed as following

Spare parts			
The manual	1pcs		

Third、installation and safety instruction

3 - 1 installation:

It must be installed in the safety and best light angle.

Make sure that the power cable is never crimped or damaged. Check the device and power cable from time to time.

3 - 2 safety instruction

The fans and vent-pipes should not be jammed by other equipment and decorate material.

Do not light or extinguish frequently, otherwise the life of bulbs will be shortened. Try to avoid the using time too long.

The light must be fixture installed. Attention that prevent the strong shock.Do not use it under the damp and rain.

Prevent the dust into the product.

The light is applied for disco hall, KTV house, nightclub and various different performing occasions.

Fourth、power supply and signal connect

4 - 1 Connect the power and control

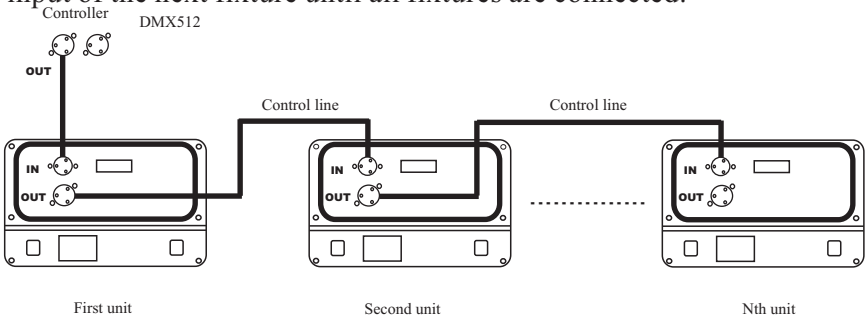
Use the professional plug to connect the LED light and power cable. Before installing the unit, please confirm whether the voltage and frequency indicated on the real panel of LED light.Voltage and frequency parameters(is matching)

Voltage	240V	230V	220V	208V	120V	110V
Opt						
Frequency	**50Hz**	**60Hz**	LED light model			
Opt						

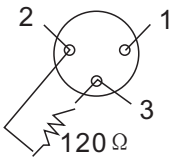
4 - 2 Connect the signal cable

The LED light may be controlled the DMX 512 signal. Under sound and Atuo control.

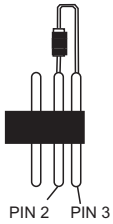
the master/slave can be used. The master/slave mode is lined by signal line.Connect the DMX-out of the first fixture in the DMX-chain with the DMX-input of the next fixture. Always connect one output with the input of the next fixture until all fixtures are connected.



Caution: Please remember the signal output of last machine must connect the attached circle plug .The circle plug connect a 120 resistor between 2 feet and 3 feet canon plug. The signal reflects phenomena can be avoided by using circle plug during DMX 512 signal transfer.
(DMX TERMIN ATOR CONNECTION):

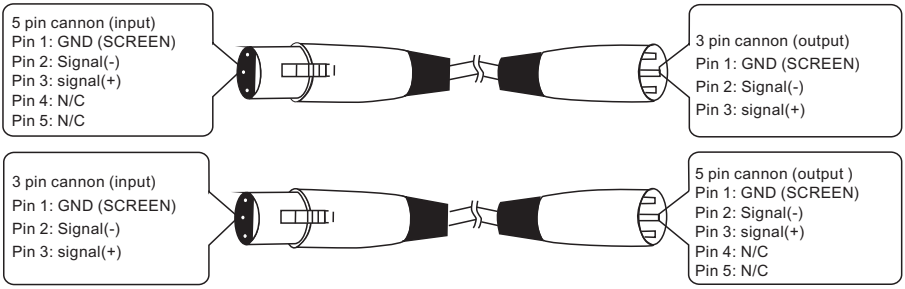


Connect a 120 resistor across2-pin and 3-pin XLR plug and insert into the DMX OUT socket on the last unit in the chain.



The LED light use 3 feet XLR plug, if the controller you use is 5 feet XLR plug. You must use a inter change line from 5 feet to 3 feet. See the following. The transform of 3-pin and 5-pin XLR adaptor.

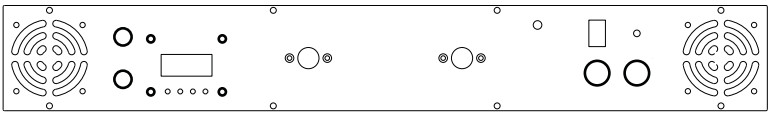
The 3pin and 5pin Canon DMX512 connector circuit



Fifth、Operation instruction

Below is the detail function explanation of this light:

5 - 1 Explanation of control panel and key-press.



1、Display screen: Menu display and function instruction。

2、Key-press Fuction:

MENU	To select the program functions
UP	Go to backward in the selected functions
DOWN	Go to forward in the selected functions
ENTER	To confirm the selected functions

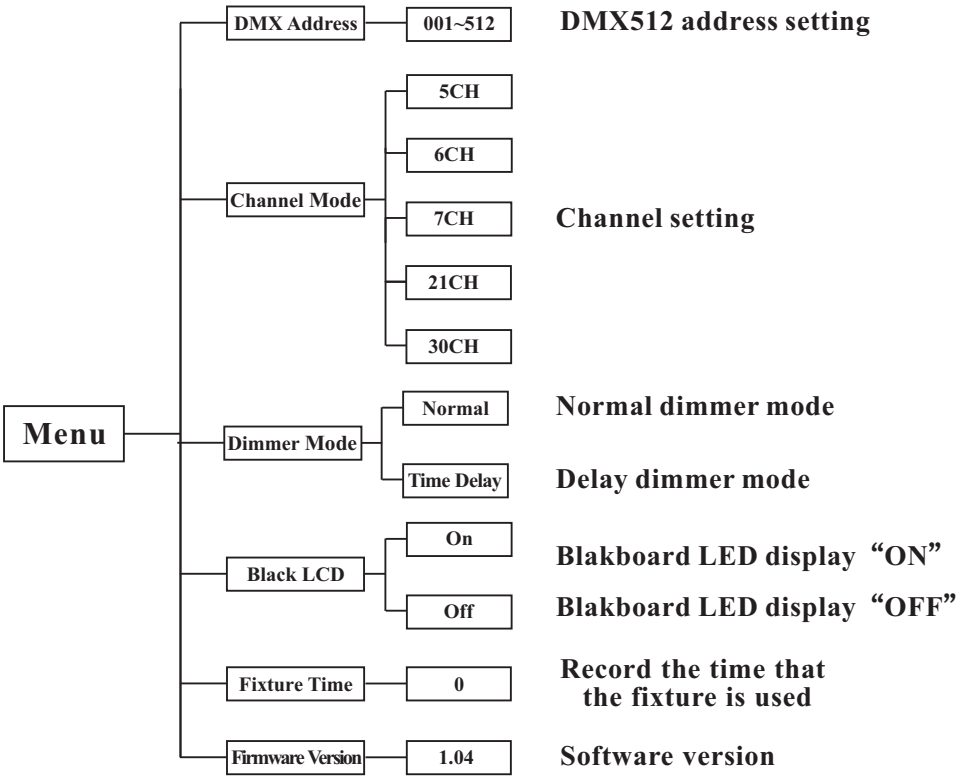
3、DMX IN/OUT: DMX512 input/ output link

4、POWER IN/POWER OUT:Power input/output link

5 - 2 Function setting operation:

To select any of the pre-set functions, please press the (MENU) and the (UP) and the (DOWN) of the back panel to set.Once the required function has been selected, press the (ENTER) button enter to the next menu or con-firm the selected function . Press the (MENU) or (DOWN) also can return to forward menu .

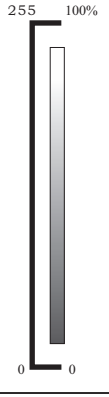
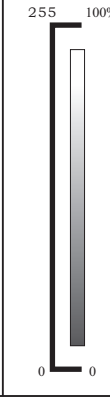
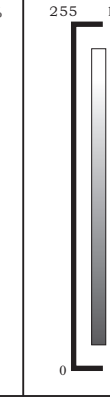
5 - 3 The fixture main function show below chart: :

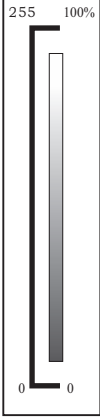
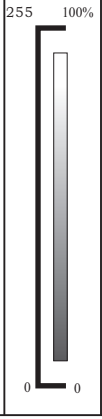
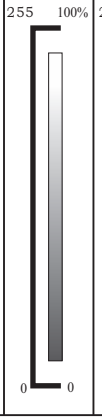
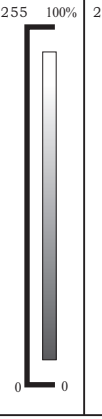
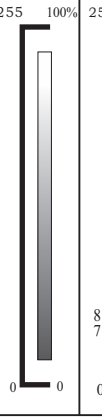
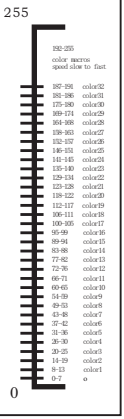


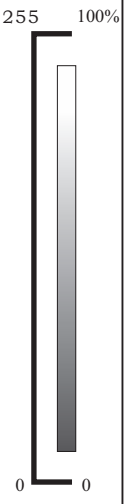
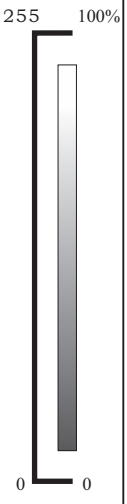
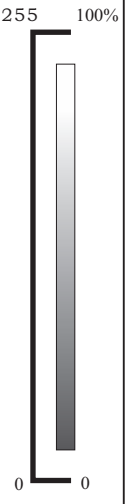
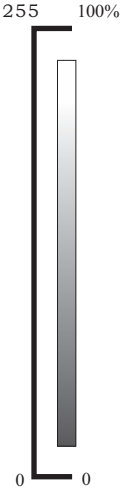
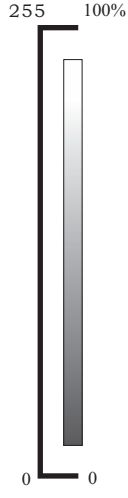
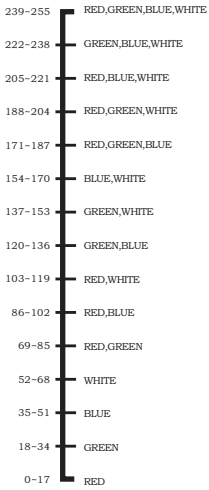
Description: when electing 5 Channel model and press the ok button in the menu, the system will be asked to select your background color

5 - 3Universal DMX controller:

The user need to set the lighting channel mode first while control by universal DMX controller. It can set the channel mode from its LED displaypanel. Please refer to the following diagram to use your controller to activate the fixture:

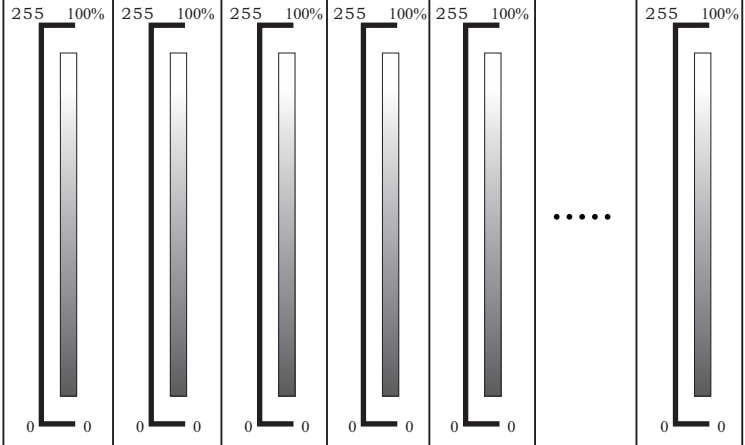
DMX512 Configuration (5CH)				
Ch1	Ch2	Ch3	Ch4	Ch5
The first LED light	The second LED light	The third LED light	The fourth LED light	The fifth LED light
				

DMX512 Configuration (7CH)						
Ch1	Ch2	Ch3	Ch4	Ch5	Ch6	Ch7
Dimmer	Red	Green	Blue	White	Strobe	Effect
						

DMX512 Configuration (6CH)					
Ch1	Ch2	Ch3	Ch4	Ch5	Ch6
The first LED light	The Secoud LED light	The third LED light	The fourth LED light	The fifth LED light	Effect
					

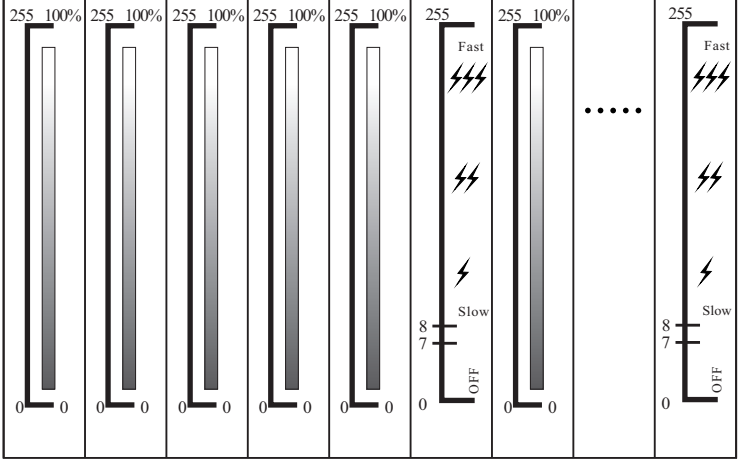
DMX512 Configuration (21CH)

Ch1	Ch2	Ch3	Ch4	Ch5	Ch6	Ch21
Dimming	The first LED light Red dimming	The first LED light Green dimming	The first LED light Blue dimming	The first LED light White dimming	The second LED light Red dimming	The fifth LED light White dimming



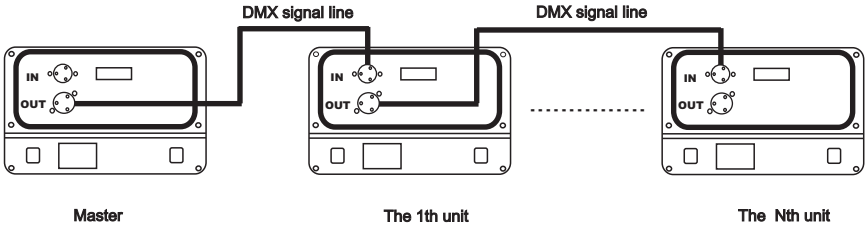
DMX512 Configuration (30CH)

Ch1	Ch2	Ch3	Ch4	Ch5	Ch6	Ch7	Ch8	Ch30
The first LED light dimming	The first LED light Red dimming	The first LED light Green dimming	The first LED light Blue dimming	The first LED light White dimming	The first LED light strobe	The second LED light dimming	The second LED light Red dimming	The fifth LED light strobe



5 - 5 Master/slave mode operation:

The fixtures will allow you to link others fixtures together and operate without a controller. In master/slave mode, the first fixture will control the others to give an automatic or sound activated, synchronized light show. This function if good when you want an instant show. Attention: The first unit it's DMX input cable will have nothing connect it. and the other fixtures will be set in slave mode automatically. Their DMX input cables connect the last fixture DMX output cable (daisy chain).any fixture can act as a Master or as a Slave .Please refer to the following diagram to link the others fixtures.



Sixth、Safety warning and maintain

6 - 1 Safety warning：

1、The product must be installed by a qualified professional. Please do not open the equipment.

2、The fans and air-vents should not be jammed by other equipment or decorate materials.

3、Avoid looking directly in the light source.

6 - 2 Maintain：

1、Please read the user manual in detail before operating the equipment .Please call the technician in case the machine broken down.

2、Keep the equipment away from water or moisture.

3、Make sure the power is off and the equipment is not connected to the mains power supply before opening the unit or carrying and any maintenance.

4、If there has been any damaged caused to the LED bulbs by the user

Seventh、Specification

1、Voltage: AC90~260V 50~60Hz

2、Rated Power: 100W

3、LED Color: 5PCS8W(10W/15W) 4IN1

4、DMX Channels: 5/6/7/21/30CH

5、Version:1.04

6、Size: 580X160X120mm

7、N.W/G.W: 5.3 Kg/6.8 Kg

Product common breakdown comparative chart	
Breakdown cause	Major breakdown analysis and solution
The fixture no work	1. Check the power cable whether to connect the fixture, whether the fuse does burn out. 2. Check the input voltage whether to assign the voltage match with the fixture.
No sound control	1. Check the address code or the display whether establishes according to the instruction booklet is the voice control pattern. 2. Check the potentiometer possibly moves is smallest, attempt to adjust the potentiometer.
The fixture can bright normally, but it not controlled by controller	1. Please check the fixtures' DIP outset address setting whether correctly. 2. Please check the XLR signal cable whether be damage.
Master-slave mode, The master mode is normal,but slave mode is not normal	1. Please conformed only one for the master and the master without DMX be connected, and to set master as sound control or auto pattern. 2. If the Master-slave setting is right but still have problem, please check the XLR connect cable.
The button malfunction, does not work.	1. Check the buttons whether to have some button not to have the normal reset.
The fixtures' brightness obvious dim	1. Check the LED tubes or the laser already whether to be service life. 2. Check the internal and external optical system whether to be clean.